

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 090077 - Front Right Wheel Hub

Sample No: LH0276292

Oil Type: GEAR OIL SAE 75W90



ELG Canada
4375 CORPORATE DRIVE
BURLINGTON, ON
CA L7L 5P7
Contact: Service Manager

T:
F: (905)335-9687



Sample Information

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | LH0276292 | LH | --- | --- |
| Sample Date | 16 Apr 2024 | 05 Jan 2022 | --- | --- |
| Machine Hours | 6756 | 5072 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Changed | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |



Oil Condition

| | | | | | |
|-------------|-----|-------|--------|-----|-----|
| Visc @ 40°C | cSt | ● 102 | ● 99.0 | --- | --- |
|-------------|-----|-------|--------|-----|-----|



Contamination

| | | | | | |
|-----------|-----|-----|------|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | ● 0 | ● 2 | --- | --- |
| Sodium | ppm | ● 4 | ● 7 | --- | --- |
| Potassium | ppm | ● 0 | ● <1 | --- | --- |



Wear Metals

| | | | | | |
|------------|-----|------|------|-----|-----|
| Iron | ppm | ● 15 | ● 40 | --- | --- |
| Copper | ppm | ● 2 | ● 5 | --- | --- |
| Lead | ppm | ● 0 | ● <1 | --- | --- |
| Tin | ppm | 0 | 0 | --- | --- |
| Aluminum | ppm | ● 0 | ● <1 | --- | --- |
| Chromium | ppm | ● 0 | ● <1 | --- | --- |
| Molybdenum | ppm | ● 0 | ● 0 | --- | --- |
| Nickel | ppm | ● 0 | ● <1 | --- | --- |
| Titanium | ppm | 0 | 0 | --- | --- |
| Silver | ppm | 0 | <1 | --- | --- |
| Manganese | ppm | ● 0 | ● <1 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



Additives

| | | | | | |
|------------|-----|--------|--------|-----|-----|
| Calcium | ppm | ● 36 | ● 238 | --- | --- |
| Magnesium | ppm | ● 1 | ● 3 | --- | --- |
| Zinc | ppm | ● 16 | ● 50 | --- | --- |
| Phosphorus | ppm | ● 1250 | ● 1366 | --- | --- |
| Barium | ppm | ● <1 | ● <1 | --- | --- |
| Boron | ppm | ● 316 | ● 306 | --- | --- |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: STR437BUR
Unique No: 5762917
Signed: Wes Davis
Report Date: 18 Apr 2024



Graphs

